

ACTIVITY	ILLINOIS LEARNING STANDARD(S) ADDRESSED																															
	1A	1B	1C	3A	3B	3C	4A	4B	5A	5B	5C	6A	6B	7A	7B	7C	8A	9A	10A	10B	10C	11A	11B	12A	12B	12C	12D	12E	12F	13A	13B	
Chapter 1: Plant Growth & Development																																
Importance & Uses of Plants						*	*	*	*	*	*											*	*									
Plant Classification							*					*										*										
Plant Parts																*						*	*									
Plant Needs								*						*	*	*						*	*					*		*		
Plant Growth						*									*							*						*				
Plant Processes																						*	*									
Propagation															*							*	*	*				*				
Chapter 2: Soils and Water																																
Soil Color, Texture and Structure							*	*	*	*	*			*								*	*			*		*	*			
Nutrients							*	*	*	*	*	*		*	*							*	*	*				*		*		
Soil Improvement				*	*	*	*						*		*							*	*	*				*	*			
Water Cycle and You	*	*	*				*		*	*	*	*	*	*	*	*						*	*			*			*			
Water Movement													*	*	*	*						*	*					*	*			
Chapter 3: Ecology & Environmental Horticulture																																
Balance and Interaction in Nature							*					*	*	*	*	*						*	*					*				
Habitats				*	*	*	*	*					*		*	*						*	*									
Hand-in-Hand with Nature					*	*	*	*					*	*	*	*						*	*	*				*			*	
Recycling					*		*	*						*	*	*						*	*					*				
Eco-Art					*									*		*																
Chapter 4: Insects and Diseases																																
Insect Basics					*	*	*	*				*	*			*		*				*	*	*								
Insect Life Cycles and Classification						*	*	*								*			*			*	*	*				*				
Insect Collecting			*			*		*								*						*	*	*					*			
Insect/Plant Interactions				*		*	*						*		*	*						*	*	*								
Insect Management			*			*	*	*														*	*									
Plant Diseases			*	*	*	*	*	*														*	*	*				*				
Chapter 5: Landscape Horticulture																																
Design Process			*				*	*					*		*	*						*	*									
Design Principles					*	*	*	*					*			*		*				*		*								
Indentification and Selection					*	*	*	*	*	*	*	*	*		*	*						*	*	*				*				
Installation					*	*	*	*														*	*	*				*				
Caring for Your Landscape						*	*				*				*	*		*				*	*	*		*		*	*			
Chapter 6: Fruits and Nuts																																
Facts and History	*	*	*		*	*	*	*	*	*	*		*	*	*	*			*	*	*	*	*									
Products	*		*	*		*	*	*	*	*	*		*	*	*							*				*						
Growth, Development and Growing Techniques						*	*						*									*										
Chapter 7: Vegetables and Herbs																																
Planning the Garden			*				*	*	*	*	*	*	*		*	*						*	*	*								
Growing Techniques			*				*	*				*			*	*						*	*	*				*			*	
Harvesting					*		*	*														*		*								
Nutrition in the Garden			*				*		*	*	*	*			*	*	*	*				*	*	*								
Vegetable Products							*					*		*	*	*						*		*				*				
Herbal Products														*	*	*						*										
Chapter 8: Life Skills and Career Exploration																																
Self-Esteem				*	*	*	*	*								*																
Relating to Others			*	*	*	*	*	*	*	*	*																					
Communications Skills			*	*	*	*	*	*																								
Decision Making/Goal Setting			*	*	*	*	*	*																								

Planning and Problem-Solving Skills	*	*	*	*	*	*	*												*	*								
Responsible Behavior						*	*				*								*	*								
Career Awareness		*	*	*	*	*																						